--In specific embodiments, the oligonucleotide probes and/or primers comprise at least about 6 contiguous residues, more preferably at least about 10 contiguous residues, and most preferably at least about 20 contiguous residues complementary to a polynucleotide sequence of the present invention. Probes and primers of the present invention may be from about 8 to 100 base pairs in length or, preferably from about 10 to 50 base pairs in length or, more preferably from about 15 to 40 base pairs in length. The probes can be easily selected using procedures well known in the art, taking into account DNA-DNA hybridization stringencies, annealing and melting temperatures, and potential for formation of loops and other factors, which are well known in the art. Tools and software suitable for designing probes, and especially suitable for designing PCR primers, are available on the Internet. A software program suitable for designing probes, and especially for designing PCR primers, is available from Premier Biosoft International, 3786 Corina Way, Palo Alto, CA 94303-4504. Preferred techniques for designing PCR primers are also disclosed in Dieffenbach and Dyksler, *PCR primer: a laboratory manual*, CSHL Press: Cold Spring Harbor, NY, 1995.--

IN THE CLAIMS:

Cancel claims 1, 3, 4 and 7.

Add the following new claims:

--31. An isolated polynucleotide comprising SEQ ID NO: 2076.

32. An isolated polynucleotide comprising a sequence selected from the group consisting of:

(a) complements of SEQ ID NO: 2076;

(b) reverse complements of SEQ ID NO: 2076; and

(c) reverse sequences of SEQ ID NO: 2076.

33. An isolated polynucleotide comprising a sequence selected from the group consisting of:

(a) sequences that are degeneratively equivalent to SEQ ID NO: 2076;

(b) sequences having at least 75% identity to SEQ ID NO: 2076;

(c) sequences having at least 90% identity to SEQ ID NO: 2076; and

(d) sequences having at least 95% identify to SEQ ID NO: 1076,

wherein the polynucleotide encodes a Myb transcription factor.

34. An isolated polynucleotide comprising a sequence selected from the group consisting of:

(a) nucleotide sequences that are 200-mers of SEQ ID NO: 2076;

(b) nucleotide sequences that are 100-mers of SEQ ID NO: 2076;

(c) nucleotide sequences that are 40-mers of SEQ ID NO: 2076; and

(d) nucleotide sequences that are 20-mers of SEQ ID NO: 2076.--

Amend claims 2, 5, 6, 8 and 13 as follows:

2. (Amended) An oligonucleotide probe or primer comprising at least 10 contiguous residues complementary to 10 contiguous residues of SEQ ID NO: 2076.

5. (Amended) An isolated polynucleotide that encodes a polypeptide comprising a sequence selected from the group consisting of SEQ ID NO: 2346 and 2347.

6. (Amended) A DNA construct comprising a polynucleotide according to any one of claims 5 and 31-34.

8. (Amended) A DNA construct comprising, in the 5'-3' direction:

(a) a gene promoter sequence,

(b) an open reading frame of an isolated polynucleotide of any one of claims 5 and 31-34; and

(c) a gene termination sequence.

13. (Amended) A DNA construct comprising, in the 5'-3' direction:

(a) a gene promoter sequence,

(b) an untranslated region of an isolated polynucleotide of any one of claims 5 and 31-34; and

(c) a gene termination sequence.

REMARKS

In response to the Restriction Requirement mailed July 3, 2002, applicants hereby elect the invention of Group I (claims 1, 2, 5, 6 and 8-16; drawn to isolated polynucleotides and DNA constructs comprising such polynucleotides) and the species of SEQ ID NO: 2076. As noted in Table 1, page 14, of the specification, SEQ ID NO: 1076